

CLAIMS

1 1. A method of searching resources, comprising:
2 receiving a search query;
3 accessing zero or more documents and one or more subsets of one or more
4 documents, the subsets having been extracted from the one or more documents prior to
5 receiving the search query, the subsets extracted at least partly responsive to one or more
6 views, the one or more views defined independently of the search query;
7 at least partly responsive to the search query, identifying zero or more documents
8 and at least one of one or more subsets of one or more documents, the search query used as
9 a criterion for identifying at least one of the one or more subsets.

1 2. The method of claim 1, wherein if no appropriate view is accessed, then
2 storing one or more subsets of one or more documents, the subsets determined by analysis
3 one or more documents.

1 3. The method of claim 1, wherein one or more views includes one or more
2 documents and one or more selections, one or more selections including one or more
3 subsets of one or more documents.

1 4. A method of searching resources including markup language, comprising:
2 receiving a search query; and
3 at least partly responsive to the search query, identifying at least one of: one or
4 more sequences of views and one or more views that can be applied to one or more
5 documents, documents including markup language, each view in one or more sequences of
6 views and each view of one or more views including 1) zero or more data and 2)
7 instructions, the instructions operate on the zero or more data and one or more documents,
8 the instructions specifying methods for selecting one or more subsets of the one or more
9 documents.

1 5. The method of claim 4, wherein the zero or more data includes one or more
2 documents and one or more selections of the one or more documents.

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12. The method of claim 4, wherein if no appropriate view is accessed, then storing one or more subsets of one or more documents, the subsets determined by analysis one or more documents.

13. The method of claim 9, one or more views includes one or more documents and one or more selections, one or more selections including one or more subsets of one or more documents.

14. A method searching resources, comprising:
generating a graph including 1) one or more subsets of one or more documents, 2) one or more references to one or more subsets of one or more documents and 3) zero or more documents, the one or more references included in one or more documents; and
generating a ranked list of one or more subsets of one or more documents, such that ranking is based on relevance, to a search query, of one or more portions of one or more documents, the ranked list at least partly generated from the graph.

15. The method of claim 14, wherein the ranked list is generated by:
assigning weights to one or more subsets of one or more documents;
propagating weights through the graph; and
finding a consistent assignment of weights such that each weight assigned to a subset of a document equals a weighted sum weights propagated from neighboring subsets.

16. The method of claim 14, wherein the generated graph further includes one or more views, one or more views including one or more documents and one or more selections, one or more selections including one or more subsets of one or more documents.

17. The method of claim 16, wherein the ranked list is generated by:
assigning weights to one or more views and one or more subsets of one or more documents;
propagating weights through the graph; and

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5 finding a consistent assignment of weights such that each weight assigned to a
6 subset of a document based at least partly on a weighted sum of weights propagated from
7 neighboring subsets.

1 18. The method of claim 16, wherein the generated ranked list further includes
2 one or more views, one or more views including one or more documents and one or more
3 selections, one or more documents, one or more selections including one or more subsets
4 of one or more documents.

1 19. A method searching resources, comprising:
2 generating a graph including 1) one or more one or more subsets of one or more
3 documents, 2) one or more references to one or more subsets of one or more documents,
4 the one or more references included in a first of one or more documents, 3) zero or more
5 documents, 4) one or more views, one or more views including one or more documents
6 and one or more selections, one or more selections including one or more subsets of one or
7 more documents; and

8 generating a ranked list of one or more views, such that ranking is based on
9 relevance, to a search query, of one or more portions of one or more documents, the
10 ranked list at least partly generated from the graph, one or more views including one or
11 more documents and one or more selections, one or more selections including one or more
12 subsets of one or more documents.

1 20. The method of claim 19, wherein the ranked list is generated by:
2 assigning weights to one or more views and one or more subsets of one or more
3 documents;

4 propagating weights through the graph; and
5 finding a consistent assignment of weights such that each weight assigned to a
6 subset of a document is based at least partly on a weighted sum of weights propagated
7 from neighboring subsets.

1 21. A method of storing resources, comprising:
2 accessing a first plurality of one or more documents, documents of the first
3 plurality of one or more documents;

accessing one or more views, one or more views including 1) zero or more data and 2) instructions, the instructions operate on the zero or more data and a second plurality of one or more documents, the instructions specifying methods for selecting one or more subsets of the second plurality of one or more documents; and

guided at least partly by the one or more views, storing one or more subsets of one or more documents of the first plurality of one or more documents.

22. A method of storing resources, comprising:
accessing a first plurality of one or more documents, documents of the first plurality of one or more documents;
accessing one or more views, one or more views including 1) zero or more data and 2) instructions, the instructions operate on the zero or more data and one or more documents, the instructions specifying methods for selecting one or more subsets of the one or more documents; and
finding a most appropriate view.

23. A method of storing resources, comprising:

accessing a first plurality of one or more documents, documents of the first plurality of one or more documents;

accessing a plurality of selections, each of the plurality of selections including a first plurality of one or more subsets of a second plurality of one or more documents, documents of the first plurality of one or more documents, at least two of the second plurality of selections accessed sequentially; and

guided at least partly by the plurality of selections, accessing a second plurality of one or more subsets of one or more documents of the first plurality of one or more documents, at least two of the second plurality of one or more subsets.